

SEQUENCE LISTING

<110> Jaeger, Stefan
 <120> A method for determination of a nucleic acid using a control
 <130> 18981
 <160> 17
 <170> PatentIn Ver. 2.1
 <210> 1
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: artificial sequence to exemplify principle
 <400> 1
 agcgcatgcc agattactgg c 21
 <210> 2
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: artificial sequence to exemplify principle
 <400> 2
 tcgcgtacgg tctaatacacc g 21
 <210> 3
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: ST650 HCV specific probe sequence
 <220>
 <221> N_region
 <222> (15)
 <223> n represents abasic linker
 ((2-amino-cyclohexyl-)propan-1,3-diol)
 <400> 3
 cgggtgtactc accgnttccg cagaccacta tggc 34
 <210> 4
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence:ST2535 probe sequence

<220>
 <221> N_region
 <222> (15)
 <223> n represents an abasic linker
 (2-amino-cyclohexyl-)propan-1,3-diol

 <400> 4
 tggactcagt cctntgggtca tctcaccttc t 31

 <210> 5
 <211> 34
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: ST650pc probe
 sequence (parallel-complementary to ST650)

 <220>
 <221> N_region
 <222> (15)
 <223> n represents an abasic linker
 (2-amino-cyclohexyl-)propan-1,3-diol

 <400> 5
 gccacatgag tggcnaaggc gtctggtgat accg 34

 <210> 6
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:ST280
 HCV-specific Primer-sequence

 <400> 6
 gcagaaagcg tctagccatg gcgtta 26

 <210> 7
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:ST778
 HCV-specific Primer-sequence

 <400> 7
 gcaagcaccc tatcaggcag taccacaa 28

 <210> 8
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:ST280pc Primer
 parallel-complementary to ST280

 <400> 8
 cgtctttcgc agatcggtac ctcaat 26

 <210> 9
 <211> 28

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ST778pc Primer
parallel-complementary to ST778

<400> 9

cgttcgtggg atagtccgtc atggtgtt

28

<210> 10

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA sequence
derived by amplification of HCV type 1 using the
primers ST280 and ST778

<400> 10

gcagaaagcg tctagccatg gcgttagtat gagtgtcgtg cagcctccag gacccccct 60
cccgggagag ccatagtggt ctgcggaacc ggtgagtaca ccggaattgc caggacgacc 120
gggtcctttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac 180
tgctagccga gtagtggttg gtcgcgaaag gccttggtgt actgcctgat aggggtgcttg 240
c 241

<210> 11

<211> 943

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: QS(pc)HCV
being parallel-complementary to according region
of the HCV type1 genome

<400> 11

agatctccgc tgtgaggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc 60
tttcgcagat cggtagccga atcatactca cagcacgtcg gaggtcctgg gggggagggc 120
cctctcggtg tcaccagacg ccttggccac tcatgtggcc ttaacgggcc tgctggccca 180
ggaaagaacc tagttgggag agttacggac ctctaaacct gcacgggggc gctctgacga 240
tcggctcatc acaacctcagc gctttccgga acaccatgac ggactatccc acgaacgctc 300
acggggccct ccagagcatc tggcacgtgg tactcgtgct taggatttgg agtttctttt 360
tggtttgcat tgtggttggt ggcaggtgtc ctgcagttca agggcccgc accagtctag 420
caaccacctc aaatggacaa cggcgcgtcc ccgggggtcca acccacacgc gcgcgagtcc 480
ttctgaaggc tcgccagcgt tggagcacct tccgtgttg gataggggtt ccgagcggct 540
gggtcccgt cccggacctg agtcggggcc atgggaaccg gggagatacc gttactccg 600
taccacaccc gtctaccga ggacagtggg gcaccaagag ccggatcaac cccggggagt 660
ctgggggccc catccagcgc attaaaccca ttccagtagc tatgggaatg tacgccgaag 720
cggtcggagt acccatgta aggcgagcag ccgcggggag atcccccgcg gcgtcccgg 780
gaccgcgtac cgcaggccca agacctctg ccgcacttga tacgttgtcc cttaaaccggg 840
ccaacgagaa agagatagaa ggagaaccca aacgacagaa caaactggta gggtcgaagg 900
cgaatacttc acgcgtaaac atgaggatta ccatgtaag ctt 943

<210> 12

<211> 241

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: amplicon
derived from QS(pc)HCV using the primers ST280pc
and ST778pc

<400> 12
cgtcttttcgc agatcgggtac cgcaatcata ctcacagcac gtcggagggtc ctgggggggga 60
gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtctgtcttg 120
cccaggaaaag aacctagtgt ggcgagttac ggacctctaa acccgcacgg gggcgctctg 180
acgatcggct catcacaacc cagcgctttc cggaacacca tgacggacta tcccacgaac 240
g 241

<210> 13
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:amplicon
sequence derived from QSHCV (HCV amplification
control having binding sites for ST280, ST778 and
ST2535) using the primers ST280 and ST778

<400> 13
gcagaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgccctcgccc 60
accgcgcgtc tagaagggtga gatgaccaga ggactgagtc caatgcatgc tggctccgag 120
atgtcccgca aacttgccgt caacgtgact gcgtacggcg ggcgtgcccg cctggctgtg 180
tatgagctgg tgaccgtgat ctggctggag gccttgtggt actgcctgat aggggtgcttg 240
c 241

<210> 14
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ICSJ620HCV
(HCV specific amplification control having a
binding site for ST280 and ST778 and an internal
region being parallel-complementary to HCV)

<400> 14
agatctcggg cggggggacta ccccgctgt gaggtggtac ttagtgaggg gacactcctt 60
gatgacagaa gtggcagaaa gcgtctagcc atggcggttac atactcacag cacgtcggag 120
gtcctggggg ggaggggcct ctcggtatca ccagacgcct tggccactca tgtggcctta 180
acggtcctgc tggcccagga aagaacctag tttgggcgag ttacggacct ctaaaccgcg 240
acggggggcg tctgacgac gcctcatcac aaccacgcgc tttccggttg tggactgccc 300
tgataggggt cttgcctcga ggggccctcc agagcatctg gcacgtggaa acatgaggat 360
taccatgta agctt 375

<210> 15
<211> 242
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon
derived from ICSJ620HCV (HCV-specific
amplification control) using ST280 and ST778 as
primers

<400> 15
gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggagggtc ctgggggggga 60
gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtctgtcttg 120
cccaggaaaag aacctagttt ggcgagttta cggacctcta aaccgcacg gggcgctct 180
gacgatcggc tcatcacaac ccagcgcttt ccggttgtgg tactgcctga tagggtgctt 240
gc 242

<210> 16
<211> 46

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: NTQ21-46-A

<400> 16
cgatcatctc agaacattct tagcgttttg ttcttgtgta tgatcg 46

<210> 17
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artifical
sequence to exemplify principle

<400> 17
cggtcattag accgtacgcg a 21

NTQ21-46-A